

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 12 (Cancelled)

Claim 13 (New) A measuring device for use in process technology, having:  
a plurality of measurement modules;

a central unit for the connection of different ones of said measurement modules, said central unit containing a central power supply, to which said measurement modules can be connected, wherein:

in said measurement module a module power supply is provided, which generates from said central power supply one or more supply voltage(s) (V<sub>2</sub>, V<sub>3</sub>) required by said measurement module.

Claim 14 (New) The measuring device as claimed in claim 13, wherein:  
said central power supply can furnish an alternating voltage.

Claim 15 (New) The measuring device as claimed in claim 13, wherein:  
said central power supply can furnish a direct voltage.

Claim 16 (New) The measuring device as claimed in claim 13, wherein:  
said module power supply includes a transformer.

Claim 17 (New) The measuring device as claimed in claim 13, wherein:  
said module power supply includes a switching power supply.

Claim 18 (New) The measuring device as claimed in claim 13, wherein:  
said central power supply includes a first induction apparatus, and said module

power supply includes a second induction apparatus.

Claim 19 (New) The measuring device as claimed in claim 13, wherein:  
the voltage furnished by the central power supply can be modulated with an information signal.

Claim 20 (New) The measuring device as claimed in claim 13, wherein:  
the measuring device is used in measuring- and/or cleaning- and/or calibration installations, especially also in the field of process automation, for measuring pH-values and/or redox-potentials and/or other process parameters.

Claim 21 (New) The measuring device as claimed in claim 13, wherein:  
in said measurement module, a feedback unit is provided, which, from the supply voltage (V<sub>4</sub>) applied to said measurement module, generates a feedback signal, which can be fed to a regulator of the central power supply, and influences the supply voltage (V<sub>4</sub>).

Claim 22 (New) An operating method for a measuring device for process technology, having a central unit for the connection of different measurement modules, wherein the central unit contains a central power supply, to which the measurement modules can be connected, comprising the steps of:

providing a module power supply; and  
generating one or more of the supply voltage(s) (V<sub>2</sub>, V<sub>3</sub>) required by the measurement module by the module power supply from the central power supply.

Claim 23 (New) The operating method as claimed in claim 21, wherein:  
the voltage furnished by the central power supply is modulated with an information signal.

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Claim 24 (New) The operating method as claimed in claim 21, wherein:  
the supply voltage(s) (V<sub>2</sub>, V<sub>3</sub>) is (are) changed during operation.